

## Actions to Manage Nonpoint Pollution in Washington State (1999 - 2004)

\* Actions required by CZARA 6217

Lead agency is underlined

Obj #	Agriculture Activities <i>Common Sources: loss of riparian areas, livestock manure, sediment</i>	Responsible Organization	Action Status	Time-frame	Management Measure and/or Program Linkage
<b>New Program Development</b>					
2 - 5, 7 - 9	Ag 1*: Develop Statewide Irrigated Agriculture Comprehensive Plan to facilitate development of Comprehensive Irrigation District plans	<u>WSDA</u> , CC, ECY, WDFW, NRCS, tribes	New	2001	Ag IIA - IIF Salmon Strategy (Agr 1)
4, 8	Ag 2: Build capacity in conservation districts to better deliver water quality programs by providing permanent stable funding	<u>Counties</u> , <u>CC</u> , <u>WACD</u>	New	2004	Ag IIA - IIF
1,2,3,6, 7,8	Ag 3: Expand well water protection findings in order to prioritize technical support and compliance inspections. Support GWMA projects.	ECY, WDSA, CE	Upgrade	2004	Ag IIA-IIF Wellhead and Groundwater Protection
1, 2	Ag 4*: Update Field Office Technical Guide (FOTGs) for use by NRCS and CDs	<u>WSDA</u> , <u>CC</u> , CE, ECY, WDFW, WSDOT	New	2001	Ag IIA-IIF Salmon Strategy (Agr 4)
1, 6	Ag 5: Establish an MOA with NRCS to evaluate the effectiveness of Best Management Practices used in agriculture	ECY, NRCS	New	2001	CWA general requirement
6	Ag 6: Evaluate impacts of grazing on water quality in Washington	CC, <u>ECY</u> , CE, NRCS	New	2009	Ag IIE
3, 6, 8	Ag 7: Study feasibility of converting open gravity canals and other current delivery systems to more efficient systems, including pressurized pipe.	ECY	New	2009	Ag IIF
4, 5, 7	Ag 8*: Refine and update state restrictions on pesticide applications and provide technical assistance on proper use of pesticides to ensure compliance with the <i>Endangered Species</i> and <i>Clean Water Acts</i> , in both rural and urban areas.	<u>WSDA</u> , ECY, WDFW, DNR, WSDOT	Upgrade	2001	Salmon Recovery Strategy (Agr 1-revised)

4, 5, 6, 7	Ag 9: Secure a source of permanent and ongoing funding for the FARM*A*SYST/ HOME*A*SYST program within Washington State University.	WACD, <u>CE</u> , CC	Upgrade	2004	Ag IIC, IID National FARM*A*SYST/ HOME*A*SYST
5	Ag 10: Develop an education and outreach program targeted at small farms water quality and ESA compliance	ECY, <u>CE</u> , WACD, CC	Upgrade	2004	Ag IIA – IIF
<b>Obj #</b>	<b>Agriculture Activities</b> <i>Common Sources: loss of riparian areas, livestock manure, sediment</i>	<b>Responsible Organization</b>	<b>Action Status</b>	<b>Time-frame</b>	<b>Management Measure and/or Program Linkage</b>
<b>New Incentive Programs</b>					
4, 7, 8 10	Ag 11*: Implement Conservation Reserve Enhancement Program	WSDA, <u>CC</u> , NRCS, FSA	New	2001	Salmon Strategy
3, 7	Ag 12*: Actively engage agricultural producer groups in developing and implementing new BMPs	<u>CC</u> , WSDA, CE, <u>ECY</u>	New	2004	Ag IIA, IIC, IID, IIF
5	Ag 13: Use SRF low-interest loans to help agricultural commodity groups with development and installation of BMPs that reduce pollution and water use.	<u>ECY</u>	Upgrade	2004	Ag IIA -IIF

## Forestry Activities

Obj #	Forestry Activities <i>Common Sources: Forest roads, timber harvest, sediment, temperature</i>	Responsible Organization	Action Status	Time-frame	Management Measure and/or Program Linkage
<b>New Program Development</b>					
1, 4	For 1*: Adopt and implement new forest practices rules consistent with the <i>Forest and Fish Report</i> and Chapter 247, Laws of 1999 (ESHB 2091)	<u>Forest Practices Board</u> , DNR, <u>ECY</u> , WDFW, WSDA, DCTED	New	2001	Salmon Strategy (For 1)
1, 8	For 2: Complete Habitat Conservation Plan on forestry module	WSDA, ECY, WDFW, DNR, <u>SRO</u>	New	2003	Salmon Strategy (For 3)
2, 6, 9	For 3: Update watershed analysis manual, facilitate conducting watershed analyses and approve watershed analysis permits	<u>DNR</u> , ECY, WDFW	Upgrade	2001	Salmon Strategy (For 5)
4, 7	For 4: Review and approve road maintenance and abandonment plans	<u>DNR</u> , WSDA, ECY, WDFW	New	2001	Salmon Strategy (For 2)
1, 8	For 5: Approve transfer of Class IV general forest practices permits to local governments	<u>DNR</u> , ECY, WDFW, DCTED	New	2001	Salmon Strategy (Lan 6)
1	For 6*: Finalize the MOA between USFS and Ecology to address water quality compliance and development of TMDLs	<u>ECY</u> , USFS	Upgrade	2004	
4, 8	For 7: Establish a state policy to allow timber leases for conservation purposes.	<u>DNR</u>	New	2004	
<b>Small Forest Landowner Assistance</b>					
5, 8	For 8: Carry out functions of the Small Forest Landowners' Office	<u>DNR</u> , ECY, WDFW	New	2001	Salmon Strategy (For 4)
5	For 9*: Educate small forest landowners on water quality and ESA issues, and new rules	DNR, ECY, NRCS, DFW, CE	Upgrade	2004	

## Urban Activities

Obj #	Urban Activities <i>Common Sources: stormwater runoff, failing on-site sewage systems, transportation facilities, heavy metals, fecal contamination, silt, petroleum and nutrients</i>	Responsible Organization	Action Status	Time-frame	Management Measure and/or Program Linkage
<b>Development and Construction</b>					
2, 4, 5, 8	Urb 1: Update guidelines and models for consideration by counties and cities on inclusion of Best Available Science and giving special consideration to salmon conservation in their local GMA Critical Areas Ordinances	WSDA, CC, <u>DCTED</u> , ECY, WDFW, DNR, PSWQAT, WSDOT, tribes	Upgrade	2001	Salmon Strategy (Lan 2)
4, 8	Urb 2: Revise guidance for development and implementation of local Floodplain Management Plans and for use of non-regulatory tools and incentives to reconnect rivers and flood plains	<u>ECY</u> , WDFW, , DCTED, WSDOT, EMD, PSWQAT	Upgrade	2001	Salmon Strategy (Lan 4, 5)
2, 5, 8	Urb 3: Design and promote incentives for non-regulatory land use protection programs.	DCTED, <u>ECY</u> , WDFW, WSDOT, DNR, PSWQAT,	New	2001	Salmon Strategy (Lan 8)
<b>Stormwater Runoff</b>					
3, 5, 7	Urb 4: Develop a Stormwater Management Strategy which includes updating the stormwater manual and helping local governments implement the manual to address stormwater impacts on habitat and water quality of new development	<u>ECY</u> , WDFW, PSWQAT, tribes, WSDOT	Upgrade	2001	Urban IIA, VIIA - VIIF Salmon Strategy (Sto 1, 2, 4)
5, 6, 8	Urb 5: Research stormwater technology design, cost benefit and know-how to effectively address stormwater problems	ECY, WDFW, tribes, PSWQAT, WSDOT,	Upgrade	2001	Salmon Strategy (Rea 4)

3, 5, 7	Urb 6: Update the Puget Sound Stormwater Management Program and, as appropriate, update model ordinances for local stormwater management programs to be consistent with changes to the Puget Sound Management Plan	DCTED, ECY, WDFW, <u>PSWQAT</u>	Upgrade	2004	Salmon Strategy (Sto 3)
4, 9	Urb 7: Issue and reissue (on the regular five-year cycle) stormwater general NPDES permits. Provide technical assistance with implementation that conforms to the latest water quality standards and technical manual	<u>ECY</u> , WDFW, PSWQAT, WSDOT	Upgrade	2004	Salmon Strategy (Sto 5)
<b>Stormwater Prevention</b>					
2	Urb 8: Identify and participate in a zero impact stormwater demonstration project	ECY, DCTED, Counties, Cities, AGC	New	2004	Urban IIA
3, 4, 8	Urb 9: Expand the Urban and Community Forestry program to meet current requests for assistance from local governments, and perform adequate outreach.	DNR, Cities	Upgrade	2004	Urban IIA
3, 4, 8	Urb 10: Develop incentives for cities to participate in the TREE CITY, USA and other national programs encouraging urban forestry.	DNR, Cities	Upgrade	2004	Urban IIA
<b>On-site Sewage Systems</b>					
2, 4, 7, 9	Urb 11*: Identify needs to enhance the onsite O/M program at both state and local levels and recommend funding to implement.	DOH, PSWQAT	Upgrade	2004	Urban VB
3	Urb 12: Seek additional legal and financial assistance for local health officers' inspections of onsite sewage systems	DOH	Upgrade	2001	Urban VB
2	Urb 13: Identify and approve new technologies for onsite waste treatment	DOH	Upgrade	2004	Urban VA
5	Urb 14: Establish an effective statewide education program to convince the general public of the importance of properly maintaining their onsite sewage systems and how to do that.	DOH, Local Boards of Health	Upgrade	2004	Urban VB
1, 8	Urb 15: Expand the use of Memoranda of Agreement with local governments to address the needs for expansion of sewer services to areas of actual or projected high population density.	ECY, Counties	Upgrade	2009	

<b>Obj #</b>	<b>Urban Activities</b> <i>Common Sources: stormwater runoff, failing on-site sewage systems, transportation facilities, heavy metals, fecal contamination, silt, petroleum and nutrients</i>	<b>Responsible Organization</b>	<b>Action Status</b>	<b>Time-frame</b>	<b>Management Measure and/or Program Linkage</b>
<b>Pollution Prevention</b>					
2, 3, 7	Urb 16: Develop and implement a water restoration template for use in watershed plans under chapter 90.82 RCW	WSDA, CC, <u>ECY</u> , WDFW, DOH	New	2001	Clean Water Act
4	Urb 17: Implement spill prevention and response, hazardous waste and contaminated sediments programs to eliminate or reduce risks and impacts on aquatic systems	<u>ECY</u> , WDFW, DNR, WSDOT	New	2001	Salmon Strategy (Wqa 5)
	Urb 18: Through the Urban Pesticide Initiative, encourage the development and implementation of programs to reduce the use of pesticides in urban areas.	<u>EPA</u> , WSDA, CE, <u>ECY</u>	Upgrade	2001	
	Urb 19: Increase capacity within the state to re-refine motor oil.	<u>ECY</u>	New	2001	
<b>Land Transportation Systems</b>					
3, 4, 6, 7	Urb 20*: Provide road maintenance guidelines to local communities	<u>CRAB</u> , <u>WSDOT</u>	Upgrade	2004	Urban VIIE
2, 5, 7	Urb 21: Complete the 20-year Washington Transportation Plan to include environmental sustainability	DCTED, <u>ECY</u> , WDFW, <u>WSDOT</u> , PSWQAT,	Upgrade	2001	Salmon Strategy (Lan 10)
2, 7, 10	Urb 22: Completely reinvent NEPA pilot projects to address environmental concerns on a broad geographic area and earlier into project planning	<u>ECY</u> , WDFW, <u>WSDOT</u>	Upgrade	2001	Salmon Strategy (Lan 11)
3, 4	Urb 23: Revise and implement highway runoff manual; undertake stormwater retrofit for transportation projects; implement grant programs	<u>ECY</u> , WDFW, TIB, <u>WSDOT</u>	New	2001	Urban VIIC Salmon Strategy (Sto 6)
7, 9	Urb 24: Develop and implement a compliance/ accountability data base to track WSDOT permit requirements and mitigation activities.	<u>ECY</u> , WDFW, DNR, <u>WSDOT</u>	New	2001	Salmon Strategy (Enf 6)

## Recreational Activities

Obj #	Recreational Activities	Responsible Organization	Action Status	Time-frame	Management Measure and/or Program Linkage
<b>General</b>					
6, 9	Rec 1: Investigate impacts on water quality from recreational activities	<u>ECY</u>	New	2009	
2, 4, 9	Rec 2: Ensure grantees using funds for recreational facilities consider the adequacy of sewage and solid waste disposal facilities to be funded by the grant.	<u>DNR, Parks, WDFW</u>	Upgrade	2004	
<b>Off-Road Vehicles</b>					
3	Rec 3: Include water quality considerations in regular or required updates of grant funding policy plans.	<u>IAC</u>	Upgrade	2001	
<b>Marinas and Boats</b>					
3, 4, 5	Rec 4*: Evaluate the needs regarding the fuel dock education and assistance program	<u>WSG, ECY, NWMTA</u>	Upgrade	2004	Marina and Boats IIF
3, 4, 5	Rec 5: Examine new approaches to prevent spills from boaters overfilling their gas tanks.	<u>WSG, ECY, NWMTA, USCG</u>	Upgrade	2004	Marina and Boats IIF
2, 4,7	Rec 6: Update the <u>Comprehensive Boat Sewage Management Plan for Washington State</u> .	Parks	Upgrade	2004	Marina and Boats IIG
5	Rec 7: Coordinate agency educational efforts for boaters on environmentally safe practices, such as for the Clean Boating Week held last year.	ECY, Parks, WDFW, DNR, PSAT	Upgrade	2004	Marinas and Boats IIIF
1, 7, 8	Rec 8: Facilitate the management and treatment of contaminated bilgewater at public and private marinas	ECY, Counties	Upgrade	2004	Marinas and Boats IIID
1, 7, 8	Rec 9: Develop additional policies and guidance on cleaning and maintenance practices by boaters	ECY	Upgrade	2004	Marinas and Boats IIIE
1, 7, 8	Rec 10: Promote household hazardous waste collection at marinas	Counties	Upgrade	2004	Marinas and Boats IIIC

## Hydromodification Activities

Obj #	<b>Hydromodification</b> <i>Common Sources: pH, metals, dissolved oxygen, nutrients, low flows</i>	Responsible Organization	Action Status	Time-frame	Management Measure and/or Program Linkage
1, 2, 3, 4, 5	Hyd 1: Develop and implement Integrated Stream Corridor Guidelines, building on the completed Integrated Streambank Protection Guidelines	WSDA, <u>ECY</u> , <u>WDFW</u> , <u>WSDOT</u>	New	2004*	Hydro IIB, IVA
4, 9	Hyd 2: Evaluate implementing the Hydraulics Code with an eye towards improving its use for water quality protection.	ECY, <u>WDFW</u>	New	2009	Hydro IIA, IVA
2, 3, 6	Hyd 3: Provide technical guidance and engineering support to help regional and watershed lead entities, local governments, tribes, private landowners and volunteers participate in salmon restoration projects, inventory and correct fish passage barriers, and implement screening in water diversions. Provide engineering support to instream and marine construction projects affecting salmon	CC, ECY, <u>WDFW</u> , DOH, IAC, <u>WSDOT</u>	Upgrade	2004	Salmon Strategy (Pas 4)



## Loss of Aquatic Ecosystems Activities

Obj. #	Loss of Aquatic Ecosystems	Responsible Organization	Action Status	Time-frame	Management Measure and/or Program Linkage
<b>Program Development</b>					
2, 5	LAE 1: Streamline the aquatic pesticide permitting process, including further incorporation of applicable requirements from the water quality standards to establish a permit by rule	<u>ECY</u>	Upgrade	2004	
7, 10	LAE 2: Coordinate restoration projects on a watershed basis to provide more effective results.	CC, <u>ECY</u> , IAC, DNR	Upgrade	2004	
1, 6, 8	LAE 3: Develop and provide critical information, technical guidance and maps to support local governments' update of their Critical Areas Ordinances	<u>DCTED</u> , <u>ECY</u> , WDFW, DNR, tribes	Upgrade	2004	Salmon Strategy (Lan 3)
5, 8	LAE 4: Prevent, control and monitor the spread of aquatic nuisance species	WSDA, <u>ECY</u> WDFW, DNR, PSWQAT	Upgrade	2004	Salmon Strategy (Lan 12)
2, 8, 9	LAE 5: Develop and implement a statewide lakes management program using the need identified on page 271	<u>ECY</u>	New	2004	
<b>Ecosystem Programs</b>					
3, 4	LAE 6: Implement, maintain, and update the Puget Sound Plan and biennial work plans for the Puget Sound Basin	<u>PSWQAT</u>	Upgrade	2001	Salmon Strategy (Lan 9 - revised)
3, 4	LAE 7: Implement the Statewide Wetlands Integration Strategy and the Puget Sound Wetland Restoration Program	<u>ECY</u> , WSDOT <u>PSWQAT</u> ,	Upgrade	2009	W&R IIA-IIB
9	LAE 8: Implement statewide alternative mitigation [for wetlands] policy guidance and track case studies applying the policy	<u>ECY</u> , WDFW, PSWQAT, <u>WSDOT</u>	Upgrade	2004	Salmon Strategy (Lan 7)

1, 9	LAE 9: Continue to emphasize lake and watershed management planning to address nutrient and sediment enrichment, and de-emphasize the use of chemicals for pest control	<u>ECY</u> , WDSA	Upgrade	2004	W&R IIA, IIB CWA Requirement
2	LAE 10: Develop template for 5-yr mosquito control plans	<u>ECY</u>	New	2004	
3	LAE 11: Examine additional funding needs for mosquito control	<u>ECY</u> , DOH	Upgrade	2004	
3	LAE 12: Develop and implement a comprehensive riparian enhancement program involving JFE, WCC and other youth employment organizations.	<u>ECY</u> , <u>DNR</u> , USFS	Upgrade	2004	W & R IIB
3, 4	LAE 13: Implement Washington Conservation Corps “Salmon Recovery Initiative”	CC, <u>ECY</u> , WDFW,DNR	New	2001	Salmon Strategy (Edu 4)

### Educational Activities

Obj #	<b>Educational Activities</b> <i>Education is essential to public involvement in the successful reduction of nonpoint</i>	<b>Responsible Organization</b>	<b>Action Status</b>	<b>Time-frame</b>	<b>Management Measure and/or Program Linkage</b>
<b>Program Development</b>					
3	Ed 1: Develop a resource library of high quality educational materials to assist communities with nonpoint source issues.	ECY, PSAT, GCEE	New	2004	
5	Ed 2: Distribute or provide easy access to information on funding sources for salmon recovery and on funds expended on salmon recovery efforts	DCTED, ECY, WDFW, IAC, TIB, WSDOT	New	2001	Salmon Strategy (Edu 7)
5	Ed 3: Implement the H <sub>2</sub> O Home to Ocean program similar to a program currently in California, which educates the public about wise use and proper disposal of pesticides.	WSDA	New	2004	Urban VI
5	Ed 4: Organize a biennial conference on nonpoint pollution for implementing agencies and groups as well as the general public	ECY	Upgrade	2000	
5,10	Ed 5: Develop and implement site-specific public education plans, for example, for parks with significant salmon resources and for hatcheries as Salmon Environmental Learning Centers	WDFW, DNR, <u>Parks</u>	New	2001	Salmon Strategy (Edu 5)
<b>Programs for Schools</b>					
5	Ed 6: Conduct a series of watershed-specific PROJECT WET teacher workshops on Watersheds for People and Salmon, focusing on pollution prevention, water conservation, habitat, and public health.	ECY, WDFW, local gov't facilitators	New	2004	
5	Ed 7: Complete Columbia Watershed curriculum for youth and adults, for better understanding and stewardship in the Columbia Basin	GCEE, ECY, WDFW, DNR, DOH, tribes	Upgrade	2000	
4, 5	Ed 8: Expand "Magic Apple" grants to fund exemplary teachers' water quality class projects	ECY	Upgrade	2004	
2, 5	Ed 9: Sponsor one new community Water Festival per year, for 4 <sup>th</sup> graders	ECY with local agency	Upgrade	2004	

<b>Public Education Programs</b>					
3, 5	Ed 10: Manage the Puget Sound Public Involvement and Education “PIE” fund program to develop innovative education programs	PSAT	Upgrade	2001	
4, 5	Ed 11: Fund small water quality education grants statewide	ECY	New	2004	
3, 5	Ed 12: Develop and implement statewide training programs for the public and specific interest groups such as teachers, contracting construction community and others	CE, <u>ECY</u> , WDFW, GCEE, TIB, <u>WSDOT</u>	Upgrade	2004	Salmon Strategy (Edu 6)
5	Ed 13: Develop and disseminate using external communication tools educational materials, brochures, fact sheets, and other items, information on salmon needs, status, stress factors, [water quality issues], and actions being taken and/or needed to assist the public in understanding salmon issues and solutions and how they can help	WSDA, CC, ECY, WDFW, <u>GCEE</u> , DIS, DNR, SRO, WSDOT, tribes	New	2004	Salmon Strategy (Edu 2)
<b>Volunteer Programs</b>					
2, 5, 7	Ed 14: Introduce and support Master Watershed Steward programs throughout the state	<u>GCEE</u> , CE	Upgrade	2004	
5	Ed 15: Develop and implement education/outreach and volunteers strategy	<u>GCEE</u> , ECY, WDFW, IAC, Parks, PSAT, SRO, tribes	Upgrade	2001	Salmon Strategy (Edu 1)
4, 6, 7	Ed 16: Support Watch over Washington’s website for volunteer monitors and provide technical help to local groups and classrooms.	<u>ECY</u>	Upgrade	2004	
5	Ed 17: Train, direct, and equip volunteer monitors	CE, <u>ECY</u> , WDFW, DNR, WSDOT	Upgrade	2004	
6, 9	Ed 18: Establish an online, central repository for volunteers’ data of known quality	<u>ECY</u>	New	2009	

## General Needs

Obj #	General Activities <i>Programs that have multiple impacts or are administrative in nature</i>	Responsible Agency	Action Status	Time-frame	Management Measure and/or Program Linkage
<b>Program Development</b>					
1, 3	Gen 1*: Implement the Unified Watershed Assessment process for focusing federal, state, and tribal resources in an effective manner	ECY, NRCS, USFS, Tribes	New	2004	Clean Water Action Plan: Unified Watershed Assessment
4, 7, 8	Gen 2: Expand the development of local watershed plans under chapters 75.46 & 90.82 RCW and other related acts	ECY, WDFW, SRO	Upgrade	2003	
1, 3, 4, 6, 7, 8	Gen 3*: Enhance the abilities of the Watershed Characterization Team to analyze the watersheds of the state and provide tools to others to do the same.	ECY, DOT, WDFW, DNR	Upgrade	2004	Urban IIB
7, 8	Gen 4*: Promote local watershed planning and implementation that address 303(d) listings and prevents further listings. Provide technical assistance	ECY, PSWQAT	Upgrade	2004	Clean Water Action Plan TMDLs
1, 3, 10	Gen 5: Develop and implement schedule for Water Cleanup Plans (TMDLs) focussing on watersheds with listed species first	CC, ECY, PSWQAT, tribes	Upgrade	2014	TMDLs, Salmon Strategy (Wqa 3)
1, 3, 6, 7	Gen 6: Develop a cooperative and comprehensive interstate ground water protection plan with state (Oregon and Idaho) and tribal governments.	ECY, Oregon, Idaho, Tribes	New	2004	
1	Gen 7*: Establish working agreements with various federal agencies to address Clean Water Act consistency requirements	ECY	New	2004	Clean Water Act
3, 7	Gen 8: Adopt revised Guidelines for Shoreline Master Programs, and assist local governments to modify their Shoreline Master Programs	ECY, PSWQAT, DCTED, DNR, WDFW, WSDA, WSDOT, tribes	Upgrade	2004	Various Management Measures in Urban, Recreation, Hydro-modification, and Loss of Aquatic Ecosystems

3, 6	Gen 9: Develop, adopt and implement standards for water quality and contaminated sediment	ECY, WDFW, PSWQAT, WSDOT, tribes	Upgrade	2009	Salmon Strategy (Wqa 1, 2)
3	Gen 10: Examine additional funding needs for DOH shellfish protection efforts	ECY, DOH	Upgrade	2004	
1, 4	Gen 11: Implement the Yakima River Sediment Reduction Plan	WSDA, CC, <u>ECY</u>	Upgrade	2004	TMDLs, Salmon Strategy (Wqa 4)
2, 7	Gen 12: Negotiate a “road map” to facilitate the integration of the requirements of the federal <i>Clean Water</i> and <i>Endangered Species Acts</i>	WSDA, <u>ECY</u> , WDFW, DNR, WSDOT, tribes	New	2001	Salmon Strategy (Wqa 6)
<b>Community Assistance</b>					
5	Gen 13: Establish an information base for local communities that describes funding sources and necessary requirements.	ECY, Gov Office	New	2004	
5, 8	Gen 14: Enhance local ability to address water quality complaints and information requests	ECY, PSWQAT	Upgrade	2009	
4, 5	Gen 15: Provide technical assistance and information regarding ESA compliance to communities	ECY, DFW	Upgrade	2004	
1	Gen 16: Develop a coordinated process to integrate local and watershed planning efforts into the state nonpoint plan.	ECY	Upgrade	2004	
<b>Monitoring</b>					
1, 9, 10	Gen 17: Expand the development of a coordinated monitoring framework to integrate and/or coordinate statewide, regional, watershed and project-specific monitoring systems	ECY, WDFW, DNR, PSWQAT, <u>SRO</u>	Upgrade	2003	Salmon Strategy (Mon 1)
9	Gen 18*: Expand ambient monitoring network in the state by 2% per year	ECY	Upgrade	2004	Coastal Zone Act
9	Gen 19*: Track primary water quality indicators (pH, Temp, DO and Turbidity) using number of exceedances approach	ECY	Upgrade	2004	President’s Clean Water Action Plan

2, 9	Gen 20: Develop criteria and protocol to guide the use of monitoring in decision making including adaptive management when specifically committed to at the watershed, activity, and regional scales and ensure decisions include adaptive management and monitoring component consistent with protocol and criteria	ECY, WDFW, DNR, PSAT, <u>SRO</u> , WSDOT	New	2004	Salmon Strategy (Mon 2)
2, 9	Gen 21: Develop and implement implementation and effectiveness monitoring systems to be incorporated in all new salmon recovery activities and a percent of existing activities	WSDA, ECY, WDFW, <u>SRO</u> , tribes	New	2001	Salmon Strategy (Mon 3)
9	Gen 22: Recommend standard monitoring and data quality guidelines for salmon habitat projects	IAC, <u>ISP</u> , SRO, DNR, WDFW	New	2000	Salmon Strategy (Mon 5)
9	Gen 23*: Develop and implement a comprehensive marina and boater destination water quality monitoring program	<u>ECY</u> , Parks, Counties, NWMTA	New	2004	Marina and Boats IIB
7, 9, 10	Gen 24: Enhance statewide monitoring of rate of harvest, riparian zone management, etc. consistent with the Forest and Fish Report	<u>DNR</u> , ECY, WDFW, tribes	Upgrade	2001	Salmon Strategy (For 6)
1, 6, 9	Gen 25: In cooperation with IGWC and other state agencies, develop a statewide ambient ground water monitoring system	ECY, DOH, WSDOT, tribes, counties	New	2003	General need
<b>Enforcement</b>					
1	Gen 26: Establish and implement collaborative processes to increase coordination of compliance and enforcement activities among the regulatory natural resource agencies with joint or primary jurisdictional authorities with joint or primary jurisdictional authority	<u>ECY</u> , WDFW, DNR, tribes	New	2001	Salmon Strategy (Enf 1)
4	Gen 27: Fully implement marine detachments within WDFW Enforcement to increase visible enforcement presence on marine waters	<u>WDFW</u>	Upgrade	2001	Salmon Strategy (Enf 2)
4	Gen 28: Increase compliance and enforcement of the Hydraulic Code for habitat protection and increase compliance with fish passage and screening requirements	WSDA, CC, ECY, <u>WDFW</u>	Upgrade	2001	Salmon Strategy (Enf 3)

4	Gen 29: Increase compliance and enforcement activities for nonpoint pollution sources	WSDA, CC, <u>ECY</u> , PSAT	Upgrade	2001	Salmon Strategy (Enf 4)
2	Gen 30: Evaluate new ways to improve compliance on DOT construction projects	ECY, WSDOT	Upgrade	2009	